CLAIMS

What is claimed is:

1   1.   A method comprising:

2   receiving a digital broadcast signal to a digital television receiver in a first

3   computer;

4   processing the digital broadcast signal to extract enhanced content data;

5   storing the enhanced content data in a web browser cache;

6   interrogating the web browser cache with an application programming

7   interface;

8   providing the enhanced content data to a personal web server responsive to

9   the application programming interface interrogating the web browser cache;

10   storing the enhanced content data in the personal web server; and

11   providing the enhanced content data stored in the personal web server to at

12   least one client device.

1   2.   The method of claim 1 further comprising:

2   instantiating a trigger synchronization server in the first computer;

3   instantiating a trigger synchronization client in a client device wherein a

4   synchronized web page on the personal web server is loaded to the client device

5   and wherein the trigger synchronization client is an object in the synchronized web

6   page;

7   extracting content triggers from the enhanced content data;

8   providing the content triggers to the synchronization server;

9   receiving the content triggers to the trigger synchronization server;

10   providing the content triggers to the trigger synchronization client through a network;

11   and

12   receiving the content triggers to the trigger synchronization client through a network.

1   3.   The method of claim 2 wherein the personal web server is simultaneously

2   providing enhanced content data stored in the personal web server to a plurality of

3   client devices and the trigger synchronization server is providing content triggers to

4   at least one trigger synchronization client.

1   4.   The method of claim 3 wherein the client device is receiving the triggers

2   wherein the content triggers update the trigger synchronization client to be

3   displaying information synchronized to the digital broadcast signal on the client

4   device.

1   5.   The method of claim 4 wherein the trigger synchronization server is providing

2   triggers to a network connection by multicasting datagram packets to sockets using

3   a transmission protocol.

1   6.   The method of claim 5 wherein the trigger synchronization client is receiving

2   the datagram packets provided by the synchronization server though a network

3   connection.

1   7.   The method of claim 1 wherein the client device is a second computer.

1   8.   The method of claim 1 wherein the client device is an interactive tablet.

1   9.   The method of claim 1 wherein the client device is a personal digital

2   assistant.

1   10.   A product, the product comprising:

2   instructions to direct a first processor to

3   receive a digital broadcast signal to a digital television receiver in a first

4   computer,

5   process the digital broadcast signal to extract enhanced content data,

6   store the enhanced content data in a web browser cache,

7   interrogate the web browser cache with an application programming

8 interface from a personal web server,

9   provide the enhanced content data to the personal web server

10   responsive to the application programming interface interrogating the web

11   browser cache,

12   store the enhanced content data in the personal web server, and

13   provide the enhanced content data stored in the personal web server

14 to at least one client device, and;

15   machine readable media to store the instructions.

1 11.   The product of claim 10 further comprising:

2 instructions to direct the first processor to:

3   instantiate a trigger synchronization server in the first computer,

4   extract content triggers from the enhanced content data,

5   provide the content triggers to the synchronization server,

6   receive the content triggers to the trigger synchronization server,

7   provide the content triggers to the trigger synchronization client, and;

8 instructions for directing a second processor to:

9   instantiate a trigger synchronization client in a client device,

10   receive the content triggers to the trigger synchronization client, and;

11 machine readable media to store the instructions.

1 12.   The product of claim 11 wherein the instructions direct a personal web server

2 to provide enhanced content data stored in the personal web server to a plurality of

3 client devices while the trigger synchronization server is simultaneously providing

4 content triggers to at least one trigger synchronization client.

1 13.   The product of claim 3 wherein the client device is receiving the content

2 triggers wherein the content triggers update the trigger synchronization client to be

3 displaying information synchronized to the digital broadcast signal on the client

4 ' device.

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1   14.   The product of claim 4 wherein the trigger synchronization server is providing

2   content triggers to a network connection by multicasting datagram packets to

3   sockets using a transmission protocol.

1   15.   The product of claim 5 wherein the trigger synchronization client is receiving

2   the datagram packets provided by the synchronization server though a network

3   connection.

1   16.   The product of claim 1 wherein the client device is a second computer.

1   17.   The product of claim 1 wherein the client device is an interactive tablet.

1   18.   The product of claim 1 wherein the client device is a personal digital

2   assistant.

1   19.   The product of claim 1 wherein the client device is a remote control device

2   with a display panel.

1   20.   A system, the system comprising:

2   a first computer;

3   a digital television receiver installed in the first computer;

4   a client device communicably connected to the first computer through a

5   network;

6   instructions to direct a processor to:

7   receive a digital broadcast signal to a digital television receiver in a first

8   computer,

9   process the digital broadcast signal to extract enhanced content data,

10   store the enhanced content data in a web browser cache,

11   interrogate the web browser cache with an application programming

12   interface from a personal web server,

13   provide the enhanced content data to the personal web server

14   responsive to the API interrogating the web browser cache,

15   store the enhanced content data in the personal web server, and

16   provide the enhanced content stored in the personal web server to the

17 client device, and;

18   machine readable media to store the instructions.

1   21.   The system of claim 20 wherein the instructions to direct a processor further

2   include instructions to:

3   instantiate a trigger synchronization server in the first computer,

4   extract content triggers from the enhanced content data,

5   provide the content triggers to the synchronization server,

6   receive the content triggers to the trigger synchronization server,

7   provide the content triggers to the trigger synchronization client, and;

8   instructions for directing a second processor to:

9   instantiate a trigger synchronization client in a client device,

10   receive the content triggers to the trigger synchronization client, and;

11   machine readable media to store the instructions.

1   22.   The system of claim 21 wherein the instructions direct a personal web server

2   to provide enhanced content data stored in the personal web server to a plurality of

3   client devices while the trigger synchronization server is simultaneously providing

4   the content triggers to at least one trigger synchronization client.

1   23.   The system of claim 22 wherein the client device is receiving the triggers

2   wherein the content triggers update the trigger synchronization client to be

3   displaying content synchronized to the digital broadcast signal on the client device.

1   24.   The system of claim 23 wherein the trigger synchronization server is

2   providing the content triggers to a network connection by multicasting datagram

3   packets to sockets using a transmission protocol.

1   25.   The system of claim 24 wherein the trigger synchronization client is receiving

2   the datagram packets provided by the synchronization server though a network

3   connection.

1   26.   The system of claim 21 wherein the client device is a second computer.

1   27.   The system of claim 21 wherein the client device is an interactive tablet.

1   28.   The system of claim 21 wherein the client device is a personal digital

2   assistant.

1   29.   The system of claim 21 wherein the client device is a remote control device

2   with a display panel.